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Migratory connectivity and population specific migration routes in a long-distance migratory bird

Christiane Trierweiler, Raymond H.G. Klaassen, Rudi H. Drent, Klaus-Michael Exo, Jan Komdeur,

Franz Bairlein and Ben J. Koks

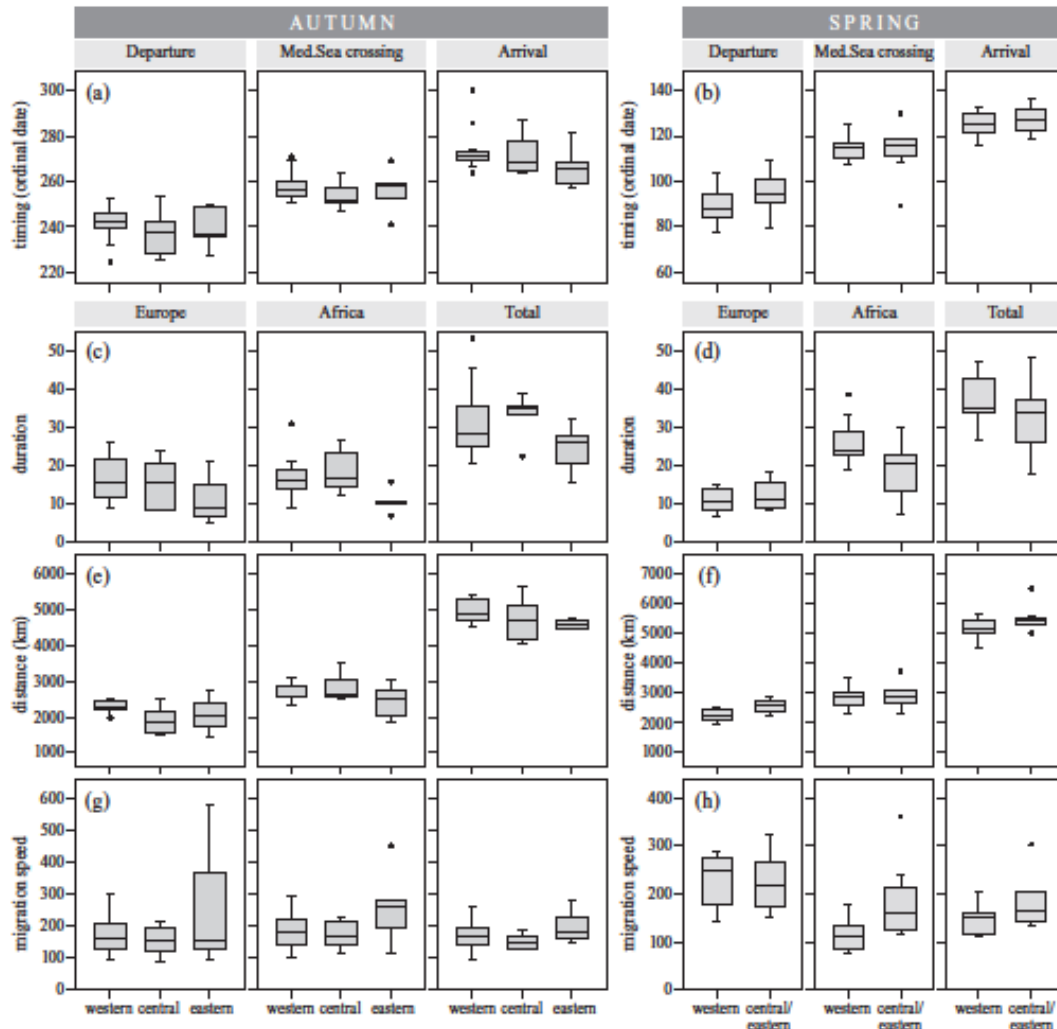


Figure S1. Migration parameters of different migration routes. Here we summarize different migration parameters for the three main migration routes of northern European Montagu's harriers (western, central and eastern route, see main text), for autumn and spring migration. For spring migration, we combined data for the central and eastern route as sample size for the eastern route was extremely small. (a-b) timing of migration, shown are departure date, Mediterranean Seas crossing and arrival date (ordinal date of 1 corresponds to 1 January). (c-d) duration of migration. (e-f) migration distance. (g-h) regional and overall (total) migration speeds.

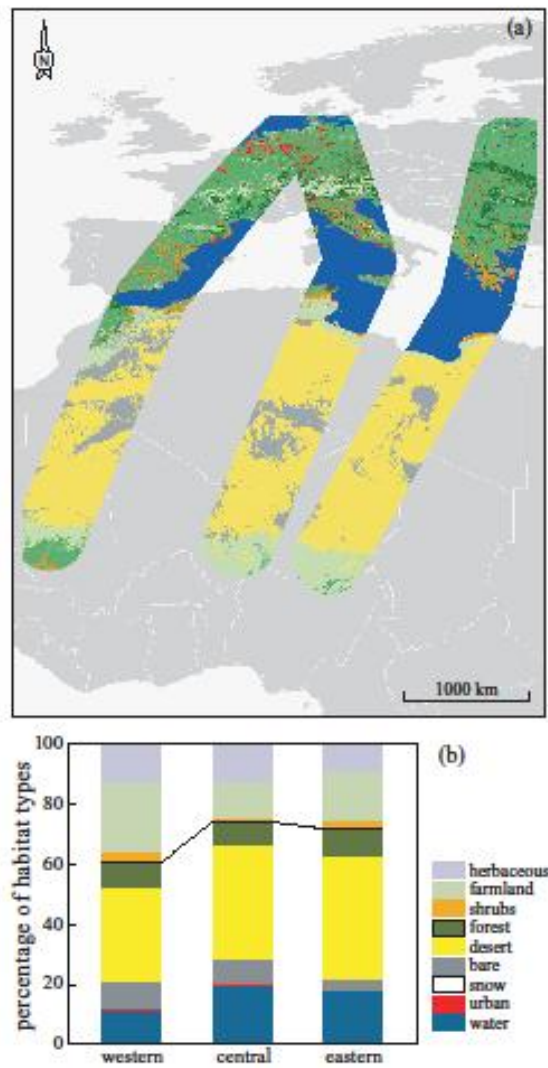


Figure S2. Habitat characteristics of different migration routes. (a) Hypothetical migration routes (based on average start-, mid- and endpoints of satellite tracked Montagu's harriers) buffered by 300 km, intersected with a digital land cover map (GLC 2000), shown in world cylindrical equal area projection. (b) Proportions of different habitat types encountered on three hypothetical migration routes. Habitats above the horizontal black line represent potential foraging habitats for Montagu's harriers.